## **MONITORING WELL COMPLETION LOG GRN01-0190** PROJECT UMTRA GROUND WATER LOCATION NORTH COORD. (FT) 239146.28 EAST COORD. (FT) 2387763.87 HOLE DEPTH (FT) 14.00 **DATE DRILLED** 06/04/2002 SURFACE ELEV. (FT NGVD) HOLE DEPTH (FT) TOP OF CASING (FT) 4079.00 MEAS. PT. ELEV. (FT) 4079.00 WELL NUMBER 0190 WELL DEPTH (FT) 14.00 SLOT SIZE (IN) 0.020 **WELL INSTALLATION** INTERVAL (FT) BIT SIZE(S) (IN) 8.0 SURFACE CASING: **DRILLING METHOD** ROTASONIC **BLANK CASING:** 4 in. PVC Sch 40 -2.4 9.0 to SAMPLING METHOD ROTASONIC CORE WELL SCREEN: 4 in. 0.02 Slotted PVC 9.0 to 14.0 SUMP/END CAP: **DATE DEVELOPED** SURFACE SEAL: WATER LEVEL (FT BTOC) 11.0 on 06/04/2002 GROUT: Cement 0.0 2.0 to LOGGED BY Dayvault, R. SEAL: Bentonite Pellets 6.0 to 7.0 REMARKS **UPPER PACK:** 20-40 Silica Sand 7.0 90 to LOWER PACK: 10-20 Silica Sand 9.0 14.0 ELEV. (FT NGVD) BLOW DEPTH (FT BGL) EXTENT SAMPLE WELL DIAGRAM LITHOLOGIC DESCRIPTION 0-7.5 ft. SILTY SAND (SM); fine grained, very pale brown (7.5YR Cement 4075 Bentonite Pellets 5 20-40 @6.0 ft. moist. Silica 4070 Sand PVC Sch 7.5-8.5 ft. CLAYEY SAND (SM-SC); mixed with clay and pebbles, 40 brownish yellow (7.5YR 6/6). Ţ 10-20 10 Silica Sand 0.020" Slotted 4065 11.5-12.5 ft. SAND (SP); indurated clay and silt mixed with sand, PVC poor plasticity, brownish yellow (7.5YR 5/4). 12.5-14.0 ft. MANCOS SHALE: friable, weathered, dark gray (N3). Total Depth 14.0 ft. 15 4060 20 4055 **U.S. DEPARTMENT OF ENERGY** PAGE 1 OF 1 09/23/2002 GRAND JUNCTION OFFICE, COLORADO